Attorney Docket No 884 522US1

Schwegman Lundberg Woessner Kluth

## **United States Patent Application**

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>COPPER-CONTAINING C4 BALL-LIMITING METALLURGY STACK FOR ENHANCED RELIABILITY OF PACKAGED STRUCTURES AND METHOD OF MAKING SAME</u>

The specification of which is attached hereto.

SEP-20-2001 14:16 FROM:SLWK P.P

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. §1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

Attorney Docket No.: 884.522US1

Scrial No. not assigned Filing Date: not assigned

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan K.	Reg. No. 31,905	Huter, Jeffrey B.	Reg. No. 41,086	Park, Ellen	Reg. No. 34,055
Anglin, J. Michael	Rcg. No. 24,916	Jackson Huebsch, Katharine A	. Reg. No. 47,670	Parker, J. Kevin	Kcg. No. 33,024
Arora, Suncel	Rcg. No. 42,267	Jurkovich, Patti J.	Rcg. No. 44,813	Perdok, Monique M.	Reg. No. 42,989
Beekman, Marvin I,	Reg. No. 38,377	Kacvinsky, John	Rcg. No. 40,040	Peret, Andrew R.	
Bianchi, Timothy E.	Rcg. No. 39,610	Kalis, Janal M.	Rcg. No. 37,650	Peterson, David C.	Reg. No. 41,246
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth Z	Reg. No. 40,670	Prout, William F.	Rcg. No. 47,857
Black, David W.	Reg. No. 42,331	Kaplan, David J.	Reg. No. 41,105	Reynolds, Thomas C.	Reg. No. 33,995
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Brennan, Leoniede M.	Reg. No. 35,832	Kluth, Daniel J.	Kcg. No. 32,146	Schumm, Sherry W. Schwegman, Micheal L.	Reg. No. 39.422
Brennan, Thomas F.	Reg. No. 35,075	Lacy, Rodney L.	Reg. No. 41,136	Scott, John C.	Reg No. 25,816
Brooks, Edward J., III	Reg. No. 40,925	Lam. Peter	Reg. No. 44,855	• 1221 - 1	Reg. No. 38,613
Burge, Ben	Reg. No. 42,372	Lemaire, Charles A.	Reg. No. 36,198	Seddon, Konneth M.	Reg. No. 43,105
Burtzlaff, Robert A.	Reg. No. 35,466	Le Moine, Duna B.	Reg. No. 40,062	Seeley, Mark	Reg. No. 32,299
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Chadwick, Robin A.	Reg. No. 36,477	Maki, Peter C.	•	Skaist, Howard A.	Reg. No. 36,008
Clark, Barbara J.	Reg. No. 38,107	Malon, Peter L.	Reg. No. 42,832	Smith, Michael G.	Reg. No. 45,368
Clise, Timothy B.	Reg. No. 40,957	Mates, Robert E.	Reg. No. 44,894	Speier, Gary J.	Reg. No. 45,458
Dahl, John M.	Reg. No. 44,639	McCrackin, Ann M.	Reg. No. 35,271	Stoffey, Charles E.	Reg. No. 25,179
Draeger, Jeffrey S.	Reg. No. 41,000	McTavish, Hugh E.	Reg. No. 42,858	Stewart, Steven C.	Reg No 33,555
Drake, Eduardo E.	Reg. No. 40,594	Mehrle, Joseph P.	Reg. No. P-48,341	Stordal, Leif T.	Reg. No. 46,251
Embretson, Janet E.	Rcg. No. 39,665		Reg. No. 45,535	Su, Gene I.	Reg. No. 45,140
Faatz, Cynthia Thomas	Reg. No. 39,973	Mirho, Charles A.	Reg. No. 41,199	Terry, Kathleen R.	Reg. No. 31,884
Forest, Bradley A.	Reg. No. 30,837	Moore, Charles L., Jr.	Reg. No. 33,742	Tong, Viet V.	Reg. No. 45,416
Gamon, Owen J.	Reg. No. 36,143	Muller, Mark V.	Reg. No. 37,509	Viksnins, Ann S	Reg. No 37,748
Gorrie, Gregory J.	Reg. No. 36,530	Nugy, Paul	Reg. No 37,896	Wells, Calvin E.	Reg. No. 43,256
Gortych, Joseph E.	<u> </u>	Nama, Kash	Reg. No. 44,255	Winkle, Robert G.	Rcy. No 37,474
Greaves, John N.	Reg. No. 41,791	Nelson, Albin J.	Reg. No. 28,650	Woessner, Warren D.	Reg. No. 30,440
	Reg. No. 40,362	Nicholson, Lea A.	Reg. No. P-48,346	Wong, Sharon	Reg. No 37,760
Hauck, John L.	Rcg. No. 36,154	Nielsen, Walter W.	Reg. No. 25,539	Yates, Steven D.	Reg. No. 42,242
Harris, Robert J.	Reg. No. 37,346		Reg. No. 37,198	Young, Charles K.	Reg No. 39,435
Hill, Stanley K.	Reg. No. 37,548	Padys, Danny J.	Reg. No. 35,635		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorncy/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Wocssner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:
P.O. Box 2938, Minneapolis, MN 55402
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1: Madhav Datta Citizenship: India Post Office Address: 5036 NW Millstone Way Portland, OR 97229	Residence: Portland, OR
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Signature: Dave Emory	Date: 9/4/01

Attorney Docket No.: 884 522US1 Serial No. not assigned Filing Date: not assigned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 3: Subhash M. Joshi Citizenship: India Post Office Address: 1474 NW 189th Way	Residence: Beaverton, OR
Apt. #12 Beaverion, OR 97006 Signature: Subhash M. Joshi	Date: 09/05/01
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Signature: Susanne Menezes Susanne Menezes	Date: <u>09/06/0/</u>
Full Name of joint inventor number 5: Doowon Suh Citizenship: United States of America 33633 Mazour Dr. Warren, OR 97053 Signature: Doewon Suh	Residence: Warren, OR  Date: 9/06/cs/

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## § 1.56 Duty to disclose information material to patentability.

- examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any claim existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
  - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
  - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
    - (i) Opposing an argument of unpatentability relied on by the Office, or
    - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
  - (1) Each inventor named in the application:
  - (2) Each attorney or agent who prepares or prosecutes the application; and
  - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.